

[Type text]

# Nervous System

## Basic Information Worksheet

Functions:

1.

2.

3.

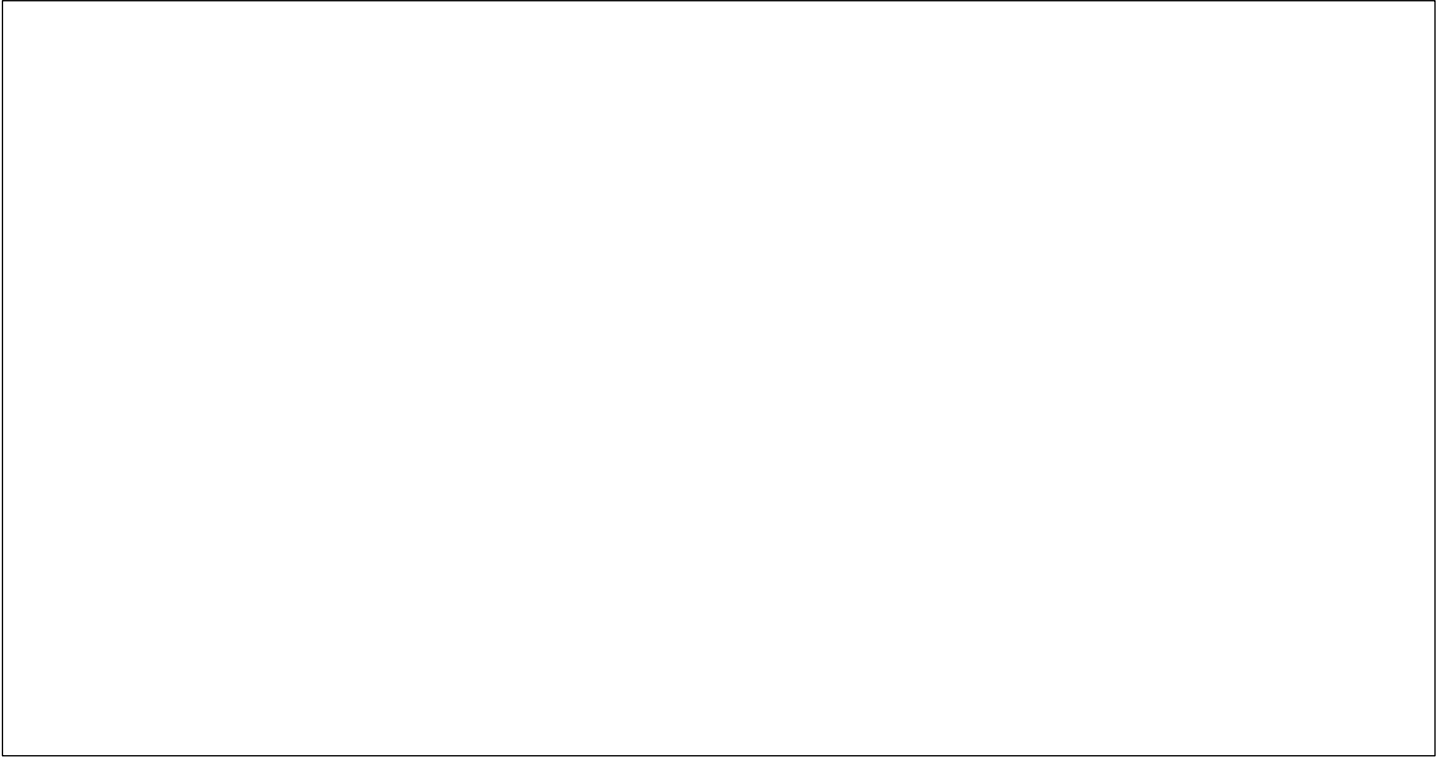
Neuron:

Structure:

Kinds:

[Type text]

Diagram of a neuron.



Path of a Nerve Impulse:

Synapse:

[Type text]

How an Impulse Travels:

## Divisions of the Nervous System

Central Nervous System

Brain and Spinal Cord:

Cerebrum:

[Type text]

Cerebellum and Brain Stem:

Spinal Cord:

Peripheral Nervous System:

How Spinal Nerves Function:

Somatic and Autonomic Systems:

A Reflex Pathway:

[Type text]

Signaling the Brain:

## Skeletal System

### Basic Information Worksheet

What the Skeletal System Does

Shape and Support

Movement and Protection:

Production and Storage of Substances:

[Type text]

## Joints of the Skeleton

Immovable:

Movable:

Bones – Strong and Living:

Bone Structure:

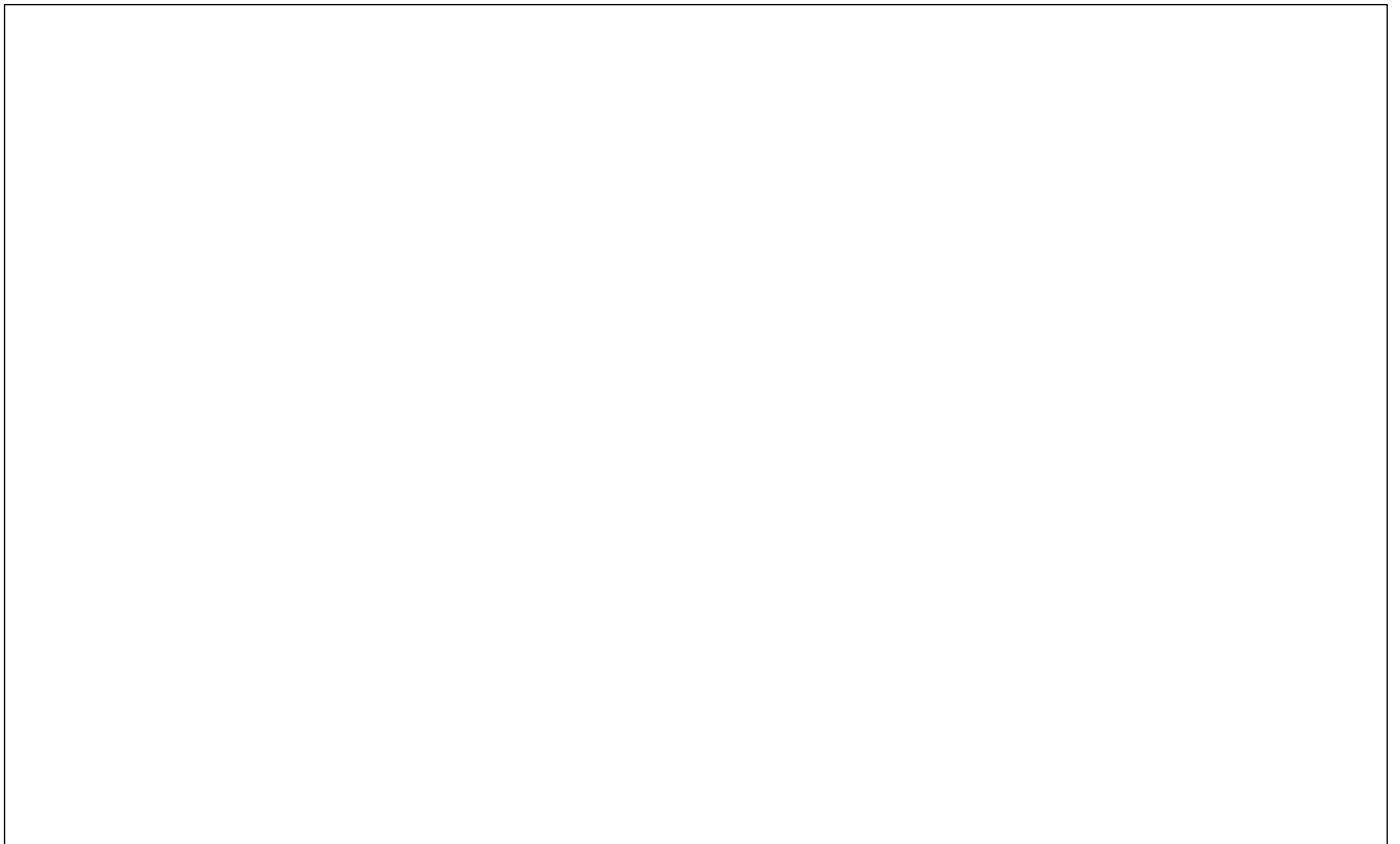
[Type text]

Bone Strength:

Bone Growth:

Bone Development:

Diagram of a bone.



[Type text]

## Muscular System

### Basic Information Worksheet

Types of Muscle:

Skeletal Muscle:

Smooth Muscle:

Cardiac Muscle:

Muscles at Work:



[Type text]

**Muscles Work in Pairs:**

**Muscular Strength and Flexibility:**

**Diagram of the joint involved in the motion you are focusing on for your project.**



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## Your Project

### Basic Information Worksheet

What are the specific bones, muscles and joints involved in performing this motion?

How do these components work together to produce a fluid motion?

What part does the brain and peripheral nervous system play in producing this motion?

What other system are including in this project and how does it contribute to this activity?

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